worldwide.

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- 2. Defendant UMC is a semiconductor foundry with operations centered in Taiwan, China, and Singapore. UMC's primary business is to mass produce integrated-circuit logic products based on designs and technology developed and provided by its customers. Although lacking any significant, independent intellectual property in advanced DRAM technology, UMC executed a deal with Defendant Jinhua a start-up intending to manufacture DRAM products in Mainland China to provide Jinhua with DRAM process technology and enable Jinhua to become a leading force in the DRAM business. How UMC could deliver such technology was a mystery until recent criminal indictments in Taiwan exposed the defendants' secret, illegal plan:
  - a. Since at least the fall of 2015, UMC and the founders of Jinhua developed and set in motion a plan for UMC to recruit key personnel from Micron's Taiwanese affiliate Micron Memory Taiwan Co., Ltd. ("MMT") including MMT's former Site Director, Stephen Chen ("Chen");
  - Working in concert, UMC and Jinhua conspired to induce former MMT employees to misappropriate electronic and paper files containing Micron trade secrets from MMT and to deliver those trade secrets to UMC;
  - c. UMC then incorporated Micron's trade secrets into technologies that it transferred and/or plans to transfer to Jinhua to enable Jinhua to mass produce advanced DRAM products as early as 2018 thus avoiding substantial, time-consuming and costly R&D efforts that UMC or Jinhua would have had to undertake to compete fairly.
  - d. Aware that their trade secret theft was criminal, the participants in the conspiracy went to great lengths to hide and cover up their plan, including by: lying to human resources personnel when exiting Micron; lying to Taiwanese criminal investigators; using software tools to wipe electronic evidence; and even attempting to destroy or hide incriminating materials from Taiwanese criminal authorities while the authorities were in the middle of executing a search warrant at UMC.

The original and certified translations of the Indictment Decision of the Taiwan Taichung District Prosecutor's Office, Case No. 106-Zhen-Zi Nos. 11035, 4520, 5612, and 5613 (the "Indictment") are attached as Exhibits 1 and 2.

3. As the Indictment reflects, UMC and Jinhua orchestrated and executed one of the boldest schemes of commercial espionage in recent times. Defendants stand to profit handsomely from their scheme: UMC is prepared to make hundreds of millions of dollars for its purported "development work," and Jinhua plans to avoid hundreds of millions of dollars in costs and the many months of R&D effort that honest competition would require.

#### THE PARTIES

## Plaintiff Micron

- 4. Founded in 1978, Micron is a global leader in advanced semiconductor systems and solutions. Micron's portfolio of high-performance memory technologies including DRAM, NAND and NOR Flash is the basis for solid-state drives, modules, multichip packages, and other system solutions. Micron's technologies enable the world's most innovative computing, consumer, enterprise storage, networking, mobile, embedded, and automotive applications. Marketing its products primarily to OEMs and retailers around the globe, Micron is ranked among the top five semiconductor-producing companies in the world. Its common stock is traded on the NASDAQ under the symbol "MU".
- 5. A Delaware corporation with its headquarters in the United States at 8000 South Federal Way, Boise, Idaho 83707-0006, Micron has numerous locations in the United States and around the world, including three locations in this District: (1) 2235 Iron Point Road, Folsom, California 95630; (2) Tasman Technology Park, 590 Alder Drive, Milpitas, California 95035; and (3) 3100 De La Cruz Blvd., Suite 300, Santa Clara, California 95054.
- 6. Micron employs over 30,000 people in eighteen countries worldwide, including Taiwan, where it acquired Rexchip Electronics Corp. ("Rexchip") previously a joint venture between Elpida Memory, Inc. of Japan and Powerchip Technology Corporation. With its exclusive focus on DRAM production, Rexchip now MMT added breadth and depth to Micron's already world-class DRAM expertise. Micron is the sole owner of trade secrets in the Micron group of

companies. Micron in turn licenses its trade secrets to certain subsidiaries such as MMT to enable their business operations.

#### Defendant UMC

7. Defendant UMC is a global semiconductor foundry with several manufacturing facilities worldwide, including in Taiwan and Mainland China. UMC has a significant sales presence in the Northern District of California through its wholly-owned subsidiary UMC Group (USA), located at 488 De Guigne Drive, Sunnyvale, California 94085. In its most recently filed SEC Form 20-F, UMC reported inter-party sales into the United States to UMC Group (USA) of approximately \$1.8 billion. UMC recently reported that 43% of its foundry sales are in North America, and those sales derive primarily from the United States. UMC is publicly traded on the New York Stock Exchange and the Taiwan Stock Exchange. In early 2016, UMC established the so-called New Business Development ("NBD") group at the Second Factory Area of its Fab 12A in Tainan Science Park, which group was responsible for delivering DRAM technology to Jinhua.

### Defendant Jinhua

8. Defendant Jinhua is a limited liability company founded in Mainland China in early 2016 with the goal to rapidly and aggressively enter the DRAM business. Its shareholders are commercial enterprises ultimately controlled by Fujian Province. With substantial government-funding, Jinhua announced a \$5.65 billion investment in its first 300mm fabrication facility, known in the industry as a "fab", and broke ground on July 16, 2016. Jinhua plans to be in commercial DRAM production by 2018.

#### Co-Conspirators Chen, Rong, Ho, and Wang

9. Co-Conspirator Chen is the former Chairman of Rexchip and former Site Director of MMT. Chen resigned from MMT on July 31, 2015, and officially joined UMC as a Senior Vice President less than two months later. Shortly after leaving MMT, Chen began to recruit ranking engineers and team leaders from MMT to UMC. Chen did so with the knowledge and intent that those MMT personnel would use Micron trade secrets obtained during their time at MMT for the benefit of UMC and Jinhua.

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10. Co-Conspirator Leh-Tian Rong ("Rong") is UMC's Assistant Vice President, with oversight responsibility over four divisions and approximately sixty UMC employees. After Chen joined UMC as Senior Vice President, he assigned Rong to serve as Assistant Vice President of Project Technology Management Department 2 ("PM2") – a critical division in UMC's NBD group. Thereafter, Rong knowingly conspired with UMC and Chen and directed the misappropriation efforts of at least two other former MMT personnel in order to incorporate Micron's trade secrets into the technology UMC was developing for Jinhua.

- 11. Co-Conspirator J.T. Ho ("Ho") is a former Process Integration Engineering ("PIE") Lead at MMT. Chen recruited Ho to work as a Process Integration Manager in UMC's NBD group. Ho took MMT's electronic files and paper records which Taiwanese prosecutors have recognized to include Micron trade secrets for use at UMC. Ho also took an active role in recruiting at least one other MMT employee to steal Micron trade secrets.
- 12. Co-Conspirator Kenny Wang ("Wang" or "KW") is a former Process Integration/Device Section Manager at MMT. No later than January or February 2016, Ho began recruiting Wang to UMC. Wang quickly showed interest, and Ho began treating Wang as a UMC team member months before Wang had resigned from MMT. On the pretext that he would be joining his family's business, Wang submitted a resignation letter to MMT on April 5, 2016 and asked to have April 26, 2016 be his last day. As described below, during the weeks leading up to his last day, Wang worked diligently to steal a massive amount of Micron trade secrets for use at UMC. Two days later, on April 28, 2016, Wang formally joined UMC and was assigned to the PM2 division of the New Business Development Unit.

# Doe Defendants

13. Many facets of the conspiracy described herein likely remain unknown, and the complete list of Co-Conspirators likely extends beyond the individuals and entities identified here. At present, Micron is ignorant of the true names and capacities of such individuals and entities and, therefore, sues them herein under the fictitious names Does 1-10. Micron will amend its Complaint to identify and state applicable claims, as appropriate, against additional individuals or entities as relevant information becomes available through discovery.

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- 14. Each of the Co-Conspirators referenced in this Complaint was an agent, conspirator, aider or abettor of UMC and/or Jinhua. The acts and omissions of each alleged Co-Conspirator were performed within the course and scope of that agency, conspiracy, aiding or abetting. At all relevant times, UMC and Jinhua were each acting with one or more of the Co-Conspirators pursuant to a common scheme, course of action, enterprise, or conspiracy.
- 15. As used in this complaint, the term "Co-Conspirators" refers collectively to the Defendants, Co-Conspirator Chen, Co-Conspirator Rong, Co-Conspirator Ho, Co-Conspirator Wang, and the Doe defendants.

# **JURISDICTION AND VENUE**

- 16. This Court has subject-matter jurisdiction of this case under 28 U.S.C. §§ 1331 and 1338: it is a civil action arising under the laws of the United States specifically 18 U.S.C. § 1836(b), 18 U.S.C. § 1962(c), and 18 U.S.C. § 1962(d). While the amount in controversy has not yet been quantified, it greatly exceeds \$75,000. Accordingly, this Court also has subject-matter jurisdiction on the basis of diversity of citizenship pursuant to 28 U.S.C. § 1332(a)(2). The Court may also exercise supplemental jurisdiction under 28 U.S.C. § 1367(a).
- 17. This Court has specific personal jurisdiction over UMC and Jinhua because UMC and Jinhua have committed intentional acts of trade secret misappropriation and/or concrete acts in furtherance of its conspiracy to commit trade secret misappropriation in the Northern District of California. For example, Chen and other personnel from UMC joined a recruiting delegation by Jinhua to a job fair hosted by the Chinese American Semiconductor Professional Association ("CASPA") in October 2016 in Santa Clara, California. In the course of that job fair, representatives of UMC and Jinhua actively solicited applications from potential hires relying on aggressive development roadmaps and assurances of technical capabilities that were in fact secretly based on Micron's stolen technology. In addition, Wang, in furtherance of the conspiracy, stored a cache of stolen Micron trade secrets in the United States, when he uploaded them onto cloud storage hosted on U.S.-based servers.
- 18. In addition, on information and belief, UMC continually engages in other commercial activities in the United States, whereby it purposefully avails itself of the protections of NAI-1502776433

1	U.S. lovy. In fact on Avgyst 14, 2014 Micron and UMC entered into a non-disclosure agreement.		
1	U.S. law. In fact, on August 14, 2014, Micron and UMC entered into a non-disclosure agreement		
2	to protect the parties' respective confidential information – none of which concerned DRAM		
3	technology. In that contract, the parties expressly agreed that the agreement should be governed by		
4	and construed under the laws of California. What is more, UMC reported roughly \$1.8 billion in		
5	sales into the United States through its U.S. subsidiary, UMC Group (USA), which is located in the		
6	Northern District of California. UMC recently noted that 43% of its foundry sales are in North		
7	America, and those sales are primarily in the United States.		
8	19. Because Defendant Jinhua is only indirectly owned by Fujian Province in the		
9	People's Republic of China, it does not qualify as an agency or instrumentality of a foreign		
10	sovereign. Accordingly, the Foreign Sovereign Immunities Act, 28 U.S.C. §§ 1602-1611 is not		
11	implicated in this action. Moreover, the claims made herein are based upon Jinhua's commercial		
12	activity carried out in the United States; upon its acts performed in the United States in connection		
13	with commercial activity elsewhere; and upon its commercial activity outside the United States		
14	which activity causes a direct effect in the United States.		
15	20. Venue is proper in this District pursuant to 28 U.S.C. § 1391(b)(2) or, alternatively,		
16	28 U.S.C. § 1391(b)(3).		
17	GENERAL ALLEGATIONS		
18	21. As Taiwanese prosecutors have recognized, Micron and its affiliates have		

- ave implemented a robust and effective system for controlling access to Micron's proprietary information:
  - Micron stores its trade secrets on secure computers that require passworda. protected access; such access is only supplied to employees and consultants who have obligations of confidentiality to Micron including signed confidentiality agreements and similar additional measures.
  - b. Micron requires password protection for both on-site network access and off-site remote network access. Micron-issued laptops use industrystandard encryption protections, such as Bit Locker, to encrypt laptop content.

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All Micron personnel are required to protect Micron trade secrets according

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c.

1	24. However, as a semiconductor foundry with no advanced DRAM process, UMC had			
2	no realistic capability to fulfill its commitments under their agreement. Jinhua knew that UMC did			
3	not possess the technological resources to develop the promised technology by itself, and			
4	understood that the technology would be based substantially on Micron's DRAM designs and			
5	processes.			
6	25. Under Chen's leadership, UMC targeted the Micron entity and fab that Chen knew			
7	best: Rexchip, now MMT. Chen had resigned from MMT on August 31, 2015, and officially			
8	joined UMC weeks later. In his role as Senior Vice President at UMC, Chen headed the NBD			
9	group and held ultimate responsibility for its three technology divisions, including PM2. With			
10	years at the helm of Rexchip and MMT, Chen had a wealth of knowledge on virtually every aspect			
11	of MMT's business – from technical details on Micron's DRAM design and process to Micron			
12	know how on manufacturing optimization, yield management, and product testing and quality.			
13	Chen quickly used his connections within MMT to recruit various MMT personnel with access to			
14	Micron trade secrets regarding many of the engineering and production challenges UMC's NBD			
15	group would inevitably face. Those recruits included Ho and Wang – both of whom would later			
16	work together on process integration problems at UMC's PM2.			
17	26. Within weeks of Chen's official start date at UMC, Ho also resigned from MMT.			
18	Upon leaving, Ho took with him both electronic and hard copies of Micron's proprietary			
19	information, in clear and intentional violation of Micron and MMT's corporate policies. As			
20	Taiwanese authorities later explained, Ho then brought those trade secrets to UMC:			
21	Because of his position as the section chief of MMT's mass			
22	production department, JT Ho logged into [MMT's] controlled server to access electronic records relating to the DRAM production			
23	process, which is MTI's trade secret ("Electronic Record A"). He copied the records to his own USB and personal hard drive			
24	for his reference any time during work, and possessed the hardcopy documents containing MTI's trade secrets collectively referred			
25	to as "Paper Documents B[.]"  [//]			
26				
27	Subsequently on October 15, 2015 when JT Ho resigned from MMT, he did not destroy Electronic Record A and Paper Documents			
28	B in accordance with the agreements. JT Ho joined UMC in November 2015 and became the Process Integration 1 Manager			
	NAI-1502776433 9 MICRON TECHNOLOGY, INC.'S COMPLAINT			
	initial includes the second manner			

1 2	under PM2 in April 2016. In January 2016, JT Ho was aware that UMC started to carry out the cooperation project with Jinhua and became MTI's competitor, and he was aware that the Electronic			
3	Record A and the Paper Document B he possessed could contribute to UMC's and Jinhua's mass production of DRAM in Mainland			
4	China. Instead of deleting or destroying Electronic Record A and Paper Documents B, JT Ho reviewed Electronic Record A using his UMC issued laptop during the period from January 2016 to			
5	February 7, 2017 (the date when [Prosecutors] conducted the search). During this period, he also brought Paper Documents B to the PI1 office for use. <sup>1</sup>			
7	27. In January or February 2016, Ho began efforts to recruit Wang, MMT's Process			
8	Integration/Device Section Manager. With help from Ho, Wang submitted his résumé to UMC.			
9	Wang later visited UMC, where Rong interviewed him. UMC and Wang agreed that Wang would			
10	be hired with the same salary and benefits as he had at MMT, but that if Wang impressed Jinhua			
11	and took a job in Mainland China, he would sign another contract with Jinhua and earn			
12	substantially more. As Taiwanese prosecutors would later explain:			
13	Subsequently on March 25, 2016, Kenny Wang received an Offer			
14	Letter from UMC, and informed JT Ho JT Ho thus started treating Kenny Wang as a team member of UMC and discussed			
15	the issues that UMC had in developing DRAM technologies. Kenny Wang submitted his resignation letter to MMT on April 5, 2016 and left the company on April 26, 2016 upon the company's approval			
16	left the company on April 26, 2016 upon the company's approval. From April 16 to 23, 2017, being fully aware that MTI and UMC are competitors in the development and manufacturing of DRAM and			
17	with the intent to use the information in Mainland China and to damage MTI's interest, Kenny Wang abused his authorization as the			
18	Product Quality Integration Manager by using MMT's laptop to log on to MMT's server and to access MTI's electronic information			
19	relating to the method, technology, process and design of DRAM ("Electronic Record C," including a total of 931 files), which are			
20	protected trade secrets and copyrighted works. He stored Electronic Record C onto the abovementioned laptop, transferred it to a USB			
21	storage device and then to two of his own laptops and also uploaded it to his Google Drive 2			
22				
23	28. In short, Wang spent his last days at MMT in a frenzied dash to pillage as much of			
24	Micron's confidential data as possible. On information and belief, Wang did so at the direction of			
25	one or more of his Co-Conspirators. Wang copied stolen files to one or more removable drives,			
26	including by using his work-issued laptop. He also uploaded the stolen trade secrets to a Google			
27	<sup>1</sup> Indictment (Exs. 1 and 2) at 4.			
28	<sup>2</sup> Indictment (Exs. 1 and 2) at 5.			

<sup>&</sup>lt;sup>2</sup> Indictment (Exs. 1 and 2) at 5.

1	drive. On information and belief, those stolen trade secrets stored on the Google drive were located			
2	on servers located in the United States.			
3	29. The trade secrets Wang stole covered the gamut of technologies necessary for UM			
4	to deliver its promised DRAM process to Jinhua. The stolen trade secrets included:			
5	Information disclosing Micron's DRAM manufacturing and testing processes;			
6	Wafer acceptance test files including test structures/data and layout regarding areas			
7	destroyed in processing;			
8	Test programming files;			
9	Probe performance and parametric tests showing testing and yield;			
10	Test results;			
11	Process information for 30nm, 25nm, 20nm, 1Xnm process nodes;			
12	Metallization process and layout;			
13	Failure-analysis information;			
14	Reticle specification files; and many others.			
15	30. With full knowledge of his wrongdoing, Wang also took a number of steps to try to			
16	deceive Micron and cover his tracks. Before returning his MMT-issued laptop, Wang attempted to			
17	wipe his laptop of any incriminating evidence. On April 23, 2016, he performed Google searches			
18	on such terms as "Clear computer data" and "Clear computer use records", and he accessed various			
19	blogs on how to permanently erase a computer system. Later he downloaded and ran software			
20	called "CCleaner" in an attempt to wipe his laptop. In addition, at his exit interview, on April 26,			
21	2016, Wang lied and reported that he was leaving MMT to go to his hometown to join the family			
22	business, when in fact he planned to formally join UMC only two days later.			
23	31. Across the Taiwan strait, Jinhua laid the groundwork for its manufacturing			
24	operations. On July 16 and 17, 2016, Jinhua held a public groundbreaking event for its DRAM			
25	factory. The keynote speakers announced that the project was unique as the largest state-owned			
26	production base for specialty DRAM products. They highlighted that, in its early stages, the Jinhus			
27	project would mainly adopt technology obtained from UMC and that UMC had started talent			
28	acquisition work in Taiwan and other regions. In effect, Jinhua acknowledged that its partner,			
	NAI-1502776433 11 MICRON TECHNOLOGY, INC.'S COMPLAINT			
	WICKON TECHNOLOGI, INC. 5 COWIFLAINT			

1	UMC, lacked the technical wherewithal for the project and would have to "acquire" the necessary		
2	talent from other companies in Taiwan and elsewhere. Some participants expressed pessimism,		
3	fearing that the officials running Jinhua might underestimate the gap between China's		
4	semiconductor industry and established semiconductor leaders with decades of investments in		
5	DRAM technology. In the view of some, the gap was too great to overcome.		
6	32. UMC and its Co-Conspirators, however, lost little time trying to narrow that gap		
7	illegally – by incorporating the stolen Micron trade secrets. The Indictment issued by Taiwanese		
8	authorities captures at least part of the misappropriation scheme in graphic detail:		
9	Subsequently one day in July or August 2016, when attending the		
10	PM2 morning meeting held by Leh-Tian Rong, Kenny Wang was asked to stay in the meeting room with Ming-De Wei (the manager of PI2) after the meeting and discuss the draft of the F32 DRAM		
11	of PI2) after the meeting and discuss the draft of the F32 DRAM design rules presented by Wei. Because UMC has specialized as a logic process foundry in the past and has no DRAM related.		
12	logic process foundry in the past and has no DRAM-related designer's manual, PI2 had to use a 65nm logic process designer's manual as its blueprint		
13	manual as its blueprint.  [//]		
14			
15	The abovementioned draft therefore lacked the necessary parameters of "Cell," "Array" and "Periphery" in the DRAM design rules.		
16	Kenny Wang thus provided his comments on ion-implantation process parameters (a key process to control doping in		
17	semiconductor manufacturing). Leh-Tian Rong, albeit fully aware that Kenny Wang left MMT nearly six months previously and that		
18	the MMT information Kenny Wang possessed was likely obtained illegally, asked Kenny Wang to compare the F32 DRAM design		
19	rules of UMC with MMT's materials (i.e. the DR25nmS design rules), circle out the differences between the two, write down		
20	[MMT's] "stabilization data" on UMC's draft design rules, fill in necessary parameters relating to ion-implantation which cannot be		
21	obtained through reverse engineering, and help complete the parts including "Cell", "Array", and "Periphery" for Rong's review, so		
22	that UMC can complete the F32 DRAM design rules more quickly.  [//]		
23			
24	Two to three days after Kenny Wang received the said instructions from Rong, he downloaded UMC's final version of the logic IC		
25	design rules, created columns for "Cell," "Array" and "Periphery" and filled in parameters for "width" and "space" on more than 10		
26	pages of UMC's final version of the design rules, using the DR25nmS design rules as a reference. Kenny Wang quickly		
27	completed the addition and revision of the parameters and handed in		
28			

<sup>&</sup>lt;sup>3</sup> Indictment (Exs. 1 and 2) at 6.

<sup>&</sup>lt;sup>4</sup> *Id.* at 6-7.

- 36. During the presentation, UMC and Jinhua emphasized that Jinhua's first fab would start its pilot run by the fourth quarter of 2017, with mass production of its first DRAM product beginning only one year later. This ambitious roadmap, which would tend to assuage any concerns of job candidates that the project was distant or speculative, would not be possible without the use of the stolen Micron trade secrets. In a shocking admission of their illegitimate intentions, the slides UMC and Jinhua presented that day openly referred to the venture's first two DRAM products as "F32" and "F32S", which are the exact internal codenames of DRAM products developed and designed by Elpida (later acquired and owned by Micron), which had been in production at the Rexchip fab (now Micron's Fab 16) where Co-Conspirators Chen, Ho, and Wang all previously worked.
- 37. At or about the same time that UMC and Jinhua organized their recruiting trip to California, they also continued to work together to poach additional MTT personnel in Taiwan for Jinhua's DRAM project in China. Recruiting efforts by Sandy Kuo ("Kuo") a UMC Project Manager provide a graphic example. Before joining UMC, Kuo had been the Manager of Communication and Talent Strategy at MMT, at which time she had reported directly to Co-Conspirator Chen (then, Site Director of MMT). After Chen left MMT for UMC, he recruited Kuo to follow him to UMC in February 2016. In her MMT employment agreement, Kuo had committed, for a period of 12 months after leaving MMT, "not to solicit, encourage or induce or assist any third party to solicit, encourage or induce" other MMT employees to take employment outside of MMT.

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- 38. Kuo wasted little time in breaching her non-solicit agreement. In late 2016, she actively helped Chen to recruit MMT employees for Jinhua including S.Y. Chen, an MMT Process Manager with responsibilities in the key process areas of "diffusion" and "wet etch." In an email to S.Y. Chen dated November 28, 2016, Kuo underscored how actively involved Jinhua was in UMC's improper recruitment efforts: "Stephen [Chen] would like to have more description of your career in order to clarify your future position and provide to Jinhua investor from China side." Kuo even attached a "Jinhua Personnel Sheet" for S.Y. Chen to fill out. Copied on Kuo's email was Neil Lee, another former senior manager from MMT who had resigned within weeks of the resignation of Ho. S.Y. Chen subsequently resigned from Micron to join UMC/Jinhua.
- 39. Meanwhile, UMC and Jinhua rewarded the individual Co-Conspirators for their contributions to the illegal scheme. After incorporating Micron trade secrets into UMC's DRAM design rule, Wang was promoted to manager of UMC's Device Department. On February 22, 2017 shortly after Taiwanese prosecutors raided UMC's NBD facility UMC promoted and transferred Chen to serve as President of Jinhua in Mainland China.
- 40. The Taiwanese criminal authorities launched their first of two raids on UMC's NBD facility on February 7, 2017. When the authorities arrived on site, UMC's HR team alerted Rong, who immediately instructed Wang and Ho to delete and remove all information on their systems relating to Micron. Following Rong's instruction, Wang and Ho handed anything containing incriminating materials, including Wang's cellphone, to a UMC assistant. The assistant locked the materials in her personal locker and left the UMC facility with Wang's cellphone. Unbeknownst to Wang, the criminal authorities had previously obtained a search warrant and had been monitoring Wang's cellphone. When confronted with the fact that the criminal authorities knew about his missing cellphone, Wang lied and said that the assistant borrowed his phone that morning "because she wanted to see some photos." At the criminal authorities' insistence, UMC instructed the assistant to return to UMC and hand over the phone, which she then did. The assistant later confessed that she committed a crime in attempting to hide evidence. Because she later cooperated, and because she was pressured into committing the crime by her UMC superiors,

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- 57. As a result of the Co-Conspirators' misappropriation of Micron trade secrets, Micron has suffered actual damages in an amount to be proven at trial.
- 58. As a result of the Co-Conspirators' misappropriation, UMC and Jinhua have been unjustly enriched.
- 59. Micron further pleads entitlement to a reasonable royalty to compensate Micron for UMC's and Jinhua's misappropriation of trade secrets.
- 60. Micron is informed and believes, and thereon alleges, that Defendants' misappropriation of Micron's trade secrets was willful and malicious based on the facts alleged herein. UMC and Jinhua acted with a purpose and willingness to commit the acts alleged, and UMC's and Jinhua's conduct was not reasonable under the circumstances. Micron is therefore entitled to exemplary damages and attorney fees and costs. Micron further seeks exemplary damages against UMC and Jinhua in an amount up to two times the amount of Micron's actual damages according to proof under 18 U.S.C. § 1836.
- 61. The misappropriation of the Micron trade secrets has caused and will continue to cause Micron irreparable and substantial injury and therefore cannot be fully redressed through damages alone.
- 62. If the Co-Conspirators were permitted to continue to use and disseminate the Micron trade secrets, Micron will be irreparably harmed and the economic damages to Micron will be difficult to quantify. An injunction prohibiting UMC and Jinhua from further acquisition, disclosure, use, and possession of the Micron trade secrets is necessary to provide Micron with complete relief.
- 63. UMC's and Jinhua's wrongful conduct alleged herein by their misappropriation of Micron's trade secrets will continue unless enjoined and restrained by this Court, and will cause great and irreparable injury to Micron's business, and it could cause UMC and Jinhua to have improper advantages, positions, and rights in the marketplace to Micron's detriment. Absent injunctive relief, UMC's and Jinhua's further disclosure and use of Micron's trade secrets could irreparably harm Micron.

COUNT II  Civil RICO  18 U.S.C. § 1962(c)  4 64. Micron repeats, realleges and incorporates herein by reference the a paragraphs 1 through 63, inclusive, above.  6 65. The Co-Conspirators formed an association-in-fact enterprise (the "rengage in activities to affect interstate and foreign commerce by collaborating to mi		
18 U.S.C. § 1962(c)  4 64. Micron repeats, realleges and incorporates herein by reference the a 5 paragraphs 1 through 63, inclusive, above. 6 65. The Co-Conspirators formed an association-in-fact enterprise (the "solution")		
4 64. Micron repeats, realleges and incorporates herein by reference the a paragraphs 1 through 63, inclusive, above. 6 65. The Co-Conspirators formed an association-in-fact enterprise (the "		
<ul> <li>paragraphs 1 through 63, inclusive, above.</li> <li>6</li> <li>The Co-Conspirators formed an association-in-fact enterprise (the "</li> </ul>		
6 65. The Co-Conspirators formed an association-in-fact enterprise (the "	llegations of	
7 engage in activities to affect interstate and foreign commerce by collaborating to mi	Enterprise") to	
	isappropriate	
8 and use Micron's trade secrets to manufacture advanced DRAM products in Mainla	and China for	
9 sale and distribution in China and around the world. The Enterprise operated by the	e Co-	
10 Conspirators includes UMC and Jinhua but is separate and distinct from either of th	iem.	
In furtherance of the Enterprise, the Co-Conspirators intended to an	d knowingly	
stole and, without Micron's authorization, copied, downloaded, uploaded, photocop	oied, replicated,	
transmitted, delivered, communicated, or conveyed Micron's trade secrets.		
14 67. The Co-Conspirators also received, acquired, or possessed Micron's	s trade secrets,	
knowing that they had been stolen, obtained, or converted without Micron's authori	zation.	
16 68. The Co-Conspirators intentionally engaged in these acts to benefit U	UMC and	
17 Jinhua, with the knowledge or intent that these acts would injure Micron. They did	so at least in	
Taiwan, Mainland China, and the Northern District of California.		
19 69. The actions of the Co-Conspirators abroad and in California constitu	ute racketeerin	
20 activities in violation of 18 U.S.C § 1832. This pattern of activity poses a threat of	continuing	
21 because Jinhua and UMC are continuing to proceed with the production of DRAM 1	products using	
Micron's trade secrets.		
23 70. UMC benefited from its employees' and agents' racketeering activity	ties, and the	
24 racketeering activities of Chen, Rong, Ho, and Wang were committed within the sco	ope of their	
employment while at UMC.		
As a direct and proximate result of racketeering activities and violat	tions of	
27   18 U.S.C. § 1962(c) by the Co-Conspirators, Micron has suffered economic damage	es both	
28		
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1	domestically and abroad, including, but not limited to, injuries in the Northern District of California			
2	and in Boise, Idaho, in an amount to be proven at trial.			
3	72. The aforementioned acts of the Co-Conspirators were done willfully, with malice			
4	toward Micron, entitling Micron to treble damages, attorneys' fees, and costs.			
5	73. The racketeering activities and violations of 18 U.S.C. § 1962(c) has caused and			
6	will continue to cause Micron irreparable and substantial injury and therefore cannot be fully			
7	redressed through damages alone. An injunction prohibiting UMC and Jinhua from further			
8	acquisition, disclosure, use, and possession of the Micron trade secrets is necessary to provide			
9	Micron with com	nplete relief.		
10	74. I	f the Co-Conspirators were permitted to continue to engage in their racketeering		
11	activities and violations of 18 U.S.C. § 1962(c), Micron would be irreparably harmed and the			
12	economic damages to Micron will be difficult to quantify.			
13	COUNT III			
14	Civil RICO			
15		18 U.S.C. § 1962(d)		
16	75. N	Micron repeats, realleges and incorporates herein by reference the allegations of		
17	paragraphs 1 through 74, inclusive, above.			
18	76. T	The Co-Conspirators have intentionally conspired and agreed to directly and		
19	indirectly participate in the affairs of the Enterprise through a pattern of racketeering activities in			
20	violation of 18 U.S.C § 1832, as described in Count II.			
21	77. 1	The Co-Conspirators knew that their actions constituted a pattern of racketeering		
22	activities and agreed to those actions in furtherance of, and for the benefit of the Enterprise, as			
23	described in Count II.			
24	78. Т	The actions of the Co-Conspirators constitute a conspiracy to violate 18 U.S.C		
25	§ 1962(c), in violation of 18 U.S.C § 1962(d).			
26	79. A	As a direct and proximate result of racketeering activities and violations of		
27	18 U.S.C. § 1962(d) by the Co-Conspirators, Micron has suffered economic damages both			
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	NAI-1502776433	20 MICRON TECHNOLOGY, INC.'S COMPLAINT		
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1	domestically and abroad, including, but not limited to, injuries in the Northern District of Californ			
2	and in Boise, Idaho, in an amount to be proven at trial.			
3	80. The aforementioned acts of the Co-Conspirators were done willfully, with malice			
4	toward Micron, entitling Micron to treble damages, attorneys' fees, and costs.			
5	COUNT IV			
6	Trade Secret Misappropriation Under the California Uniform Trade Secrets Act			
7	Cal. Civ. Code § 3426			
8	81. Micron repeats, realleges and incorporates herein by reference the allegations of			
9	paragraphs 1 through 44, inclusive, above.			
10	82. The Micron trade secrets constitute information, including compilations, programs			
11	devices, methods, techniques, or processes that derive independent economic value from not bein			
12	generally known to the public or other persons who can obtain economic value from the trade			
13	secrets' disclosure.			
14	83. Micron has taken reasonable measures to protect the secrecy of the Micron trade			
15	secrets.			
16	84. However, the Co-Conspirators intended to and knowingly stole and, without			
17	authorization, disclosed, acquired, used, copied, downloaded, uploaded, photocopied, replicated,			
18	transmitted, delivered, communicated, or conveyed Micron's trade secrets.			
19	85. The Co-Conspirators acquired, used or disclosed Micron's trade secrets, knowing			
20	that they have been stolen, obtained, or converted without Micron's authorization. The Co-			
21	Conspirators intentionally engaged in these acts to benefit UMC and Jinhua, with the knowledge of			
22	intent that these acts would injure Micron.			
23	86. As a direct and proximate result of violations of Cal. Civ. Code § 3426.1 by the Co			
24	Conspirators, Micron has suffered economic damages both domestically and abroad, including, bu			
25	not limited to, in the Northern District of California and in Boise, Idaho, in an amount to be prove			
26	at trial but exceeding \$75,000.			
27	87. The aforementioned acts of the Co-Conspirators were done willfully, with malice			
28	toward Micron.			
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1	attorneys, and all persons acting in active concert or participation with them, from the				
2	unauthorized acquisition, disclosure, use, duplication, or distribution of the Micron				
3	trade secrets	;			
4	e.	Exemplary and puniti	ve damages;		
5	f.	Treble damages as pro	ovided in 18 U.S.C. §§ 1964(c) and 1964(d);		
6	g.	Reasonable attorneys	Reasonable attorneys' fees and costs;		
7	h.	Prejudgment interest;			
8	i.	For such other and fur	rther relief as the Court deems just and proper.		
9	Dated: Dec	eember 5, 2017	JONES DAY		
10					
11			By: <u>s/ Randall E. Kay</u> Randall E. Kay		
12			Counsel for Plaintiff		
13			MICRON TECHNOLOGY, INC.		
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1	DEMAND FOR JURY TRIAL		
2	Pursuant to Rule 38(b) of the Federal Rules of Civil Procedure, Micron demands a jury		
3	trial on all issues triable to a jury.		
4	Dated: December 5, 2017	JONES DAY	
5			
6		By: s/Randall E. Kay	
7		Randall E. Kay	
8		Counsel for Plaintiff MICRON TECHNOLOGY, INC.	
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